

## EAST Search History

## EAST Search History (Prior Art)

| Ref # | Hits | Search Query   | DBs             | Default Operator | Plurals | Time Stamp       |
|-------|------|--|-----------------|------------------|---------|------------------|
| L2    | 307  | (@ad< "20011120" or @rlad< "20011120") and (cable or wire) with (data adj connector)   | US-PGPUB; USPAT | OR               | ON      | 2009/10/26 10:55 |
| L3    | 31   | (@ad< "20011120" or @rlad< "20011120") and (cable or wire) with (data adj connector) with (power adj connector)                      | US-PGPUB; USPAT | OR               | ON      | 2009/10/26 10:55 |
| L6    | 23   | (@ad< "20011120" or @rlad< "20011120") and (cable or wire) with (data adj connector) with (power adj connector) and current          | US-PGPUB; USPAT | OR               | ON      | 2009/10/26 11:24 |
| L7    | 6402 | (@ad< "20011120" or @rlad< "20011120") and (cable or wire) with (data) with (power)  | US-PGPUB; USPAT | OR               | ON      | 2009/10/26 11:24 |
| L8    | 311  | (@ad< "20011120" or @rlad< "20011120") and (cable or wire) with (data) with (power).ab.  | US-PGPUB; USPAT | OR               | ON      | 2009/10/26 11:24 |
| L9    | 205  | (@ad< "20011120" or @rlad< "20011120") and (cable or wire) with (data) with (power).ab. and current                                  | US-PGPUB; USPAT | OR               | ON      | 2009/10/26 11:24 |
| L10   | 17   | (@ad< "20011120" or @rlad< "20011120") and (cable or wire) with (data) with (power).ab. and current with amperes                     | US-PGPUB; USPAT | OR               | ON      | 2009/10/26 11:24 |
| L11   | 23   | (@ad< "20011120" or @rlad< "20011120") and (cable or wire) with (data) with (power).ab. and current with (amperes or amps)           | US-PGPUB; USPAT | OR               | ON      | 2009/10/26 11:24 |
| L12   | 3    | (@ad< "20011120" or @rlad< "20011120") and (cable or wire) with (data) with (power).ab. and current with (amperes or amps) with "60" | US-PGPUB; USPAT | OR               | ON      | 2009/10/26 11:27 |

|     |      |  |                 |    |    |                  |
|-----|------|--|-----------------|----|----|------------------|
| L13 | 0    | (@ad< "20011120" or @rlad< "20011120") and (cable or wire) with (data) with (power).ab. and current with (amperes or amps) near2 "60"  | US-PGPUB; USPAT | OR | ON | 2009/10/26 11:27 |
| L14 | 0    | (@ad< "20011120" or @rlad< "20011120") and (cable or wire) with (data) with (power) and current with (amperes or amps) near2 "60"  | US-PGPUB; USPAT | OR | ON | 2009/10/26 11:28 |
| L15 | 865  | (@ad< "20011120" or @rlad< "20011120") and current with (amperes or amps) near2 "60"   | US-PGPUB; USPAT | OR | ON | 2009/10/26 11:28 |
| L16 | 53   | (@ad< "20011120" or @rlad< "20011120") and current with (amperes or amps) near2 "60" and (cable or wire).ab.   | US-PGPUB; USPAT | OR | ON | 2009/10/26 11:28 |
| L17 | 2494 | (@ad< "20011120" or @rlad< "20011120") and (cable or wire).ti. and meters  | US-PGPUB; USPAT | OR | ON | 2009/10/26 11:55 |
| L18 | 420  | (@ad< "20011120" or @rlad< "20011120") and (cable or wire).ti. and meters near2 ("100" or "200" or "300" or "400" or "500" or "600" or "700" or "800" or "900" or "1000")  | US-PGPUB; USPAT | OR | ON | 2009/10/26 11:55 |
| L19 | 192  | (@ad< "20011120" or @rlad< "20011120") and (cable or wire).ti. and meters near2 ("100" or "200" or "300" or "400" or "500" or "600" or "700" or "800" or "900" or "1000") and (outside or outdoor)                         | US-PGPUB; USPAT | OR | ON | 2009/10/26 11:56 |
| L20 | 6    | (@ad< "20011120" or @rlad< "20011120") and (cable or wire).ti. and meters near2 ("100" or "200" or "300" or "400" or "500" or "600" or "700" or "800" or "900" or "1000") and (outside or outdoor) and (ground with above) | US-PGPUB; USPAT | OR | ON | 2009/10/26 11:56 |
| L21 | 73   | (@ad< "20011120" or @rlad< "20011120") and (cable or wire).ti. and connector with interlock  | US-PGPUB; USPAT | OR | ON | 2009/10/26 12:04 |

|     |     |  |                 |    |    |                  |
|-----|-----|--|-----------------|----|----|------------------|
| L22 | 180 | (@ad< "20011120" or @rlad< "20011120") and (cable or wire).ti. and connector with interlock\$3                               | US-PGPUB; USPAT | OR | ON | 2009/10/26 12:04 |
| L23 | 1   | (@ad< "20011120" or @rlad< "20011120") and (cable or wire).ti. and connector with interlock\$3 with clasp\$3                 | US-PGPUB; USPAT | OR | ON | 2009/10/26 12:05 |
| L24 | 28  | (@ad< "20011120" or @rlad< "20011120") and (cable or wire).ti. and connector with clasp\$3                                   | US-PGPUB; USPAT | OR | ON | 2009/10/26 12:05 |
| L25 | 1   | (@ad< "20011120" or @rlad< "20011120") and (cable or wire).ti. and connector with clasp\$3 with shield                       | US-PGPUB; USPAT | OR | ON | 2009/10/26 12:05 |
| L26 | 5   | (@ad< "20011120" or @rlad< "20011120") and (cable or wire).ti. and shield \$2 and ("10" or "12" or "14" or "16") with guage  | US-PGPUB; USPAT | OR | ON | 2009/10/26 12:08 |
| L27 | 141 | (@ad< "20011120" or @rlad< "20011120") and (cable or wire).ti. and shield \$2 and ("10" or "12" or "14" or "16") with gauge  | US-PGPUB; USPAT | OR | ON | 2009/10/26 12:09 |
| L28 | 14  | (@ad< "20011120" or @rlad< "20011120") and (cable or wire).ti. and shield \$2 with ("10" or "12" or "14" or "16") with gauge | US-PGPUB; USPAT | OR | ON | 2009/10/26 12:09 |
| L29 | 944 | (@ad< "20011120" or @rlad< "20011120") and (switch with CPE)   | US-PGPUB; USPAT | OR | ON | 2009/10/26 12:12 |
| L30 | 141 | (@ad< "20011120" or @rlad< "20011120") and (switch with CPE) and backbone  | US-PGPUB; USPAT | OR | ON | 2009/10/26 12:12 |
| L31 | 17  | (@ad< "20011120" or @rlad< "20011120") and (switch with CPE) and backbone with (optic or optical)                            | US-PGPUB; USPAT | OR | ON | 2009/10/26 12:12 |
| S39 | 104 | (@ad< "20011120" or @rlad< "20011120") and "333"/\$.cls. and Ethernet  | US-PGPUB; USPAT | OR | ON | 2007/06/14 08:43 |
| S40 | 64  | (@ad< "20011120" or @rlad< "20011120") and "333"/\$.cls. and Ethernet and power  | US-PGPUB; USPAT | OR | ON | 2007/12/18 08:41 |

|     |      |  |                 |    |    |                  |
|-----|------|--|-----------------|----|----|------------------|
| S41 | 0    | ((@ad<"20011120" or @rlad<"20011120") and "333"/\$.ccls. and Ethernet and power and environmental\$3 with harden \$3                       | US-PGPUB; USPAT | OR | ON | 2007/06/14 08:43 |
| S42 | 4    | ((@ad<"20011120" or @rlad<"20011120") and "333"/\$.ccls. and Ethernet and power and outdoor  | US-PGPUB; USPAT | OR | ON | 2007/06/14 08:44 |
| S43 | 64   | ((@ad<"20011120" or @rlad<"20011120") and "333"/\$.ccls. and Ethernet and power  | US-PGPUB; USPAT | OR | ON | 2007/06/14 08:44 |
| S44 | 21   | ((@ad<"20011120" or @rlad<"20011120") and "333"/\$.ccls. and Ethernet and power with data  | US-PGPUB; USPAT | OR | ON | 2007/06/14 08:51 |
| S45 | 7332 | ((@ad<"20011120" or @rlad<"20011120") and Ethernet and (data with power)   | US-PGPUB; USPAT | OR | ON | 2007/06/14 08:52 |
| S46 | 501  | ((@ad<"20011120" or @rlad<"20011120") and Ethernet and (data with power) and gauge   | US-PGPUB; USPAT | OR | ON | 2007/06/14 08:52 |
| S47 | 27   | ((@ad<"20011120" or @rlad<"20011120") and Ethernet and (data with power) and gauge and UTP   | US-PGPUB; USPAT | OR | ON | 2007/06/14 08:52 |
| S48 | 17   | ((@ad<"20011120" or @rlad<"20011120") and Ethernet and (data with power) and gauge and UTP with pairs                                      | US-PGPUB; USPAT | OR | ON | 2007/06/14 08:52 |
| S49 | 203  | ((@ad<"20011120" or @rlad<"20011120") and Ethernet and (data with power) and gauge and (UTP or twisted adj pairs)                          | US-PGPUB; USPAT | OR | ON | 2007/06/14 08:53 |
| S50 | 0    | ((@ad<"20011120" or @rlad<"20011120") and Ethernet and (data with power) and gauge and (UTP or twisted adj pairs) and (gel with sheathing) | US-PGPUB; USPAT | OR | ON | 2007/06/14 08:53 |
| S51 | 8    | ((@ad<"20011120" or @rlad<"20011120") and Ethernet and (data with power) and gauge and (UTP or twisted adj pairs) and (sheath\$3)          | US-PGPUB; USPAT | OR | ON | 2007/06/14 08:54 |

|     |     |   |                 |    |    |                  |
|-----|-----|---|-----------------|----|----|------------------|
| S52 | 21  | (@ad< "20011120" or @rlad< "20011120") and Ethernet and (data with power) and gauge and (UTP or twisted adj pairs) and (foil)                           | US-PGPUB; USPAT | OR | ON | 2007/06/14 08:54 |
| S53 | 0   | (@ad< "20011120" or @rlad< "20011120") and Ethernet and (data with power) and gauge and (UTP or twisted adj pairs) and (foil) and (suspension adj line) | US-PGPUB; USPAT | OR | ON | 2007/06/14 08:54 |
| S54 | 12  | (@ad< "20011120" or @rlad< "20011120") and Ethernet and (data with power) and gauge and (UTP or twisted adj pairs) and (foil) and (suspension)          | US-PGPUB; USPAT | OR | ON | 2007/06/14 08:54 |
| S55 | 12  | (@ad< "20011120" or @rlad< "20011120") and Ethernet and (data with power) and gauge and (UTP or twisted adj pairs) and (foil) and (suspension)          | US-PGPUB; USPAT | OR | ON | 2007/06/14 08:55 |
| S56 | 21  | (@ad< "20011120" or @rlad< "20011120") and Ethernet and (data with power) and gauge and (UTP or twisted adj pairs) and (foil)                           | US-PGPUB; USPAT | OR | ON | 2007/06/14 08:55 |
| S57 | 9   | (@ad< "20011120" or @rlad< "20011120") and Ethernet and (data with power) and gauge and (UTP or twisted adj pairs) and (foil) not S55                   | US-PGPUB; USPAT | OR | ON | 2007/06/14 08:56 |
| S58 | 721 | (@ad< "20011120" or @rlad< "20011120") and Ethernet and (data with power with cable)  | US-PGPUB; USPAT | OR | ON | 2007/06/14 08:56 |
| S59 | 82  | (@ad< "20011120" or @rlad< "20011120") and Ethernet with (data with power with cable)   | US-PGPUB; USPAT | OR | ON | 2007/06/14 08:56 |
| S60 | 18  | (@ad< "20011120" or @rlad< "20011120") and Ethernet with (data with power with cable) and gauge   | US-PGPUB; USPAT | OR | ON | 2007/06/14 08:56 |
| S61 | 27  | (@ad< "20011120" or @rlad< "20011120") and Ethernet with (data with power with cable) and twisted adj pair  | US-PGPUB; USPAT | OR | ON | 2007/06/14 08:56 |

|     |    |  |                 |    |    |                  |
|-----|----|--|-----------------|----|----|------------------|
| S62 | 27 | ((@ad< "20011120" or @rlad< "20011120") and Ethernet with (data with power with cable) and ((twisted adj pair) or UTP) | US-PGPUB; USPAT | OR | ON | 2007/06/14 08:57 |
| S63 | 13 | ((@ad< "20011120" or @rlad< "20011120") and Ethernet with cable and environment\$4 with harden \$2                     | US-PGPUB; USPAT | OR | ON | 2007/06/14 09:08 |
| S64 | 2  | ((@ad< "20011120" or @rlad< "20011120") and Ethernet and environment\$4 with harden\$2 with cable                      | US-PGPUB; USPAT | OR | ON | 2007/06/14 09:09 |
| S65 | 66 | ((@ad< "20011120" or @rlad< "20011120") and Ethernet and outdoor with cable  | US-PGPUB; USPAT | OR | ON | 2007/06/14 09:09 |
| S66 | 0  | ((@ad< "20011120" or @rlad< "20011120") and Ethernet with outdoor with cable   | US-PGPUB; USPAT | OR | ON | 2007/06/14 09:09 |
| S67 | 17 | ((@ad< "20011120" or @rlad< "20011120") and Ethernet with outside with cable   | US-PGPUB; USPAT | OR | ON | 2007/06/14 14:33 |
| S68 | 10 | ((@ad< "20011120" or @rlad< "20011120") and (neighborhood adj area adj network)  | US-PGPUB; USPAT | OR | ON | 2007/06/14 09:10 |
| S69 | 1  | ((@ad< "20011120" or @rlad< "20011120") and (neighborhood adj area adj network) with ethernet                          | US-PGPUB; USPAT | OR | ON | 2007/06/14 09:10 |
| S70 | 0  | ((@ad< "20011120" or @rlad< "20011120") and Ethernet with outdoor with cable   | US-PGPUB; USPAT | OR | ON | 2007/06/14 13:52 |
| S71 | 66 | ((@ad< "20011120" or @rlad< "20011120") and Ethernet and outdoor with cable  | US-PGPUB; USPAT | OR | ON | 2007/06/14 13:53 |
| S72 | 19 | ((@ad< "20011120" or @rlad< "20011120") and Ethernet same outdoor with cable   | US-PGPUB; USPAT | OR | ON | 2007/06/14 13:55 |
| S73 | 9  | ((@ad< "20011120" or @rlad< "20011120") and environmentally adj hardened with cable                                    | US-PGPUB; USPAT | OR | ON | 2007/06/14 13:55 |

|     |       |   |                 |    |    |                  |
|-----|-------|---|-----------------|----|----|------------------|
| S74 | 2     | (@ad< "20011120" or @rlad< "20011120") and environmentally adj hardened with cable and ethernet                 | US-PGPUB; USPAT | OR | ON | 2007/06/14 13:59 |
| S75 | 0     | (@ad< "20011120" or @rlad< "20011120") and environmentally adj hardened with wire and ethernet                  | US-PGPUB; USPAT | OR | ON | 2007/06/14 13:59 |
| S76 | 60915 | (@ad< "20011120" or @rlad< "20011120") and environmentally adj hardened with transmission line and ethernet     | US-PGPUB; USPAT | OR | ON | 2007/06/14 13:57 |
| S77 | 0     | (@ad< "20011120" or @rlad< "20011120") and environmentally adj hardened with transmission adj line and ethernet | US-PGPUB; USPAT | OR | ON | 2007/06/14 13:59 |
| S78 | 2     | (@ad< "20011120" or @rlad< "20011120") and environmentally adj hardened with line and ethernet                  | US-PGPUB; USPAT | OR | ON | 2007/06/14 13:57 |
| S79 | 0     | (@ad< "20011120" or @rlad< "20011120") and hardened with transmission adj line and ethernet                     | US-PGPUB; USPAT | OR | ON | 2007/06/14 13:59 |
| S80 | 2     | (@ad< "20011120" or @rlad< "20011120") and hardened with wire and ethernet                                      | US-PGPUB; USPAT | OR | ON | 2007/06/14 13:59 |
| S81 | 7     | (@ad< "20011120" or @rlad< "20011120") and hardened with cable and ethernet                                     | US-PGPUB; USPAT | OR | ON | 2007/06/14 14:00 |
| S82 | 66    | (@ad< "20011120" or @rlad< "20011120") and outdoor with cable and ethernet                                      | US-PGPUB; USPAT | OR | ON | 2007/06/14 14:00 |
| S83 | 19    | (@ad< "20011120" or @rlad< "20011120") and outdoor with cable same ethernet                                     | US-PGPUB; USPAT | OR | ON | 2007/06/14 14:01 |
| S84 | 4     | (@ad< "20011120" or @rlad< "20011120") and outdoor with cable.ti.   | US-PGPUB; USPAT | OR | ON | 2007/06/14 14:01 |
| S85 | 4     | (@ad< "20011120" or @rlad< "20011120") and hardened with cable.ti.  | US-PGPUB; USPAT | OR | ON | 2007/06/14 14:02 |

|     |     |  |                 |    |    |                  |
|-----|-----|--|-----------------|----|----|------------------|
| S86 | 0   | (@ad< "20011120" or @rlad< "20011120") and hardened with twisted adj pair.ti.                              | US-PGPUB; USPAT | OR | ON | 2007/06/14 14:02 |
| S87 | 0   | (@ad< "20011120" or @rlad< "20011120") and hardened with twisted adj pair.ab.                              | US-PGPUB; USPAT | OR | ON | 2007/06/14 14:02 |
| S88 | 1   | (@ad< "20011120" or @rlad< "20011120") and hardened with twisted adj pair                                  | US-PGPUB; USPAT | OR | ON | 2007/06/14 14:02 |
| S89 | 85  | (@ad< "20011120" or @rlad< "20011120") and outdoor with ethernet   | US-PGPUB; USPAT | OR | ON | 2007/06/14 14:02 |
| S90 | 0   | (@ad< "20011120" or @rlad< "20011120") and outdoor adj ethernet  | US-PGPUB; USPAT | OR | ON | 2007/06/14 14:03 |
| S91 | 1   | (@ad< "20011120" or @rlad< "20011120") and outdoor near2 ethernet  | US-PGPUB; USPAT | OR | ON | 2007/06/14 14:03 |
| S92 | 468 | (@ad< "20011120" or @rlad< "20011120") and gel with sheath\$3  | US-PGPUB; USPAT | OR | ON | 2007/06/14 14:06 |
| S93 | 2   | (@ad< "20011120" or @rlad< "20011120") and gel with sheath\$3 with twisted adj pair                        | US-PGPUB; USPAT | OR | ON | 2007/06/14 14:07 |
| S94 | 3   | (@ad< "20011120" or @rlad< "20011120") and gel with sheath\$3 same twisted adj pair                        | US-PGPUB; USPAT | OR | ON | 2007/06/14 14:08 |
| S95 | 6   | (@ad< "20011120" or @rlad< "20011120") and gel with sheath\$3 and twisted adj pair                         | US-PGPUB; USPAT | OR | ON | 2007/06/14 14:11 |
| S96 | 0   | (@ad< "20011120" or @rlad< "20011120") and gel with sheath\$3 and twisted adj pair.ab.                     | US-PGPUB; USPAT | OR | ON | 2007/06/14 14:08 |
| S97 | 133 | (@ad< "20011120" or @rlad< "20011120") and foil with drain adj wire  | US-PGPUB; USPAT | OR | ON | 2007/06/14 14:11 |
| S98 | 11  | (@ad< "20011120" or @rlad< "20011120") and foil with sheath\$3 with drain adj wire                         | US-PGPUB; USPAT | OR | ON | 2007/06/14 14:11 |
| S99 | 0   | (@ad< "20011120" or @rlad< "20011120") and foil with sheath\$3 with drain adj wire and suspension adj line | US-PGPUB; USPAT | OR | ON | 2007/06/14 14:12 |



|      |      |   |                 |    |    |                  |
|------|------|---|-----------------|----|----|------------------|
| S100 | 0    | (@ad< "20011120" or @rlad< "20011120") and foil with sheath\$3 with drain adj wire and suspension | US-PGPUB; USPAT | OR | ON | 2007/06/14 14:12 |
| S101 | 11   | (@ad< "20011120" or @rlad< "20011120") and foil with sheath\$3 with drain adj wire                | US-PGPUB; USPAT | OR | ON | 2007/06/14 14:12 |
| S102 | 5200 | (@ad< "20011120" or @rlad< "20011120") and Ethernet with cable                                    | US-PGPUB; USPAT | OR | ON | 2007/06/14 14:16 |
| S103 | 0    | (@ad< "20011120" or @rlad< "20011120") and Ethernet with cable and suspension adj line            | US-PGPUB; USPAT | OR | ON | 2007/06/14 14:16 |
| S104 | 185  | (@ad< "20011120" or @rlad< "20011120") and Ethernet with cable and suspension                     | US-PGPUB; USPAT | OR | ON | 2007/06/14 14:16 |
| S105 | 0    | (@ad< "20011120" or @rlad< "20011120") and Ethernet with cable same suspension                    | US-PGPUB; USPAT | OR | ON | 2007/06/14 14:16 |
| S106 | 2    | (@ad< "20011120" or @rlad< "20011120") and Ethernet with cable and cable same suspension          | US-PGPUB; USPAT | OR | ON | 2007/06/14 14:20 |
| S107 | 44   | (@ad< "20011120" or @rlad< "20011120") and twisted adj pair same suspension                       | US-PGPUB; USPAT | OR | ON | 2007/06/14 14:18 |
| S108 | 0    | (@ad< "20011120" or @rlad< "20011120") and twisted adj pair same suspension adj line              | US-PGPUB; USPAT | OR | ON | 2007/06/14 14:18 |
| S109 | 0    | (@ad< "20011120" or @rlad< "20011120") and twisted adj pair same suspension and ethernet          | US-PGPUB; USPAT | OR | ON | 2007/06/14 14:18 |
| S110 | 44   | (@ad< "20011120" or @rlad< "20011120") and twisted adj pair same suspension                       | US-PGPUB; USPAT | OR | ON | 2007/06/14 14:18 |
| S111 | 20   | (@ad< "20011120" or @rlad< "20011120") and twisted adj pair with suspension                       | US-PGPUB; USPAT | OR | ON | 2007/06/14 14:18 |
| S112 | 1    | (@ad< "20011120" or @rlad< "20011120") and "4857670".pn.  | US-PGPUB; USPAT | OR | ON | 2007/06/14 14:22 |
| S113 | 1709 | (@ad< "20011120" or @rlad< "20011120") and hollow adj conduit                                     | US-PGPUB; USPAT | OR | ON | 2007/06/14 14:22 |

|      |     |   |                 |    |    |                  |
|------|-----|---|-----------------|----|----|------------------|
| S114 | 10  | (@ad< "20011120" or @rlad< "20011120") and hollow adj conduit with optical  | US-PGPUB; USPAT | OR | ON | 2007/06/14 14:25 |
| S115 | 34  | (@ad< "20011120" or @rlad< "20011120") and ethernet with rate with distance   | US-PGPUB; USPAT | OR | ON | 2007/06/14 14:26 |
| S116 | 1   | (@ad< "20011120" or @rlad< "20011120") and ethernet with rate with distance with increase                                       | US-PGPUB; USPAT | OR | ON | 2007/06/14 14:26 |
| S117 | 153 | (@ad< "20011120" or @rlad< "20011120") and ethernet and lower with rate with distance   | US-PGPUB; USPAT | OR | ON | 2007/06/14 14:27 |
| S118 | 20  | (@ad< "20011120" or @rlad< "20011120") and ethernet and lower near rate with distance   | US-PGPUB; USPAT | OR | ON | 2007/06/14 14:27 |
| S119 | 0   | (@ad< "20011120" or @rlad< "20011120") and Ethernet and gold with pins with sockets   | US-PGPUB; USPAT | OR | ON | 2007/06/14 14:33 |
| S120 | 3   | (@ad< "20011120" or @rlad< "20011120") and Ethernet and gold with pins  | US-PGPUB; USPAT | OR | ON | 2007/06/14 14:34 |
| S121 | 48  | (@ad< "20011120" or @rlad< "20011120") and gold with plated with pins with sockets  | US-PGPUB; USPAT | OR | ON | 2007/06/14 14:34 |
| S122 | 0   | (@ad< "20011120" or @rlad< "20011120") and gold with plated with pins with sockets and ethernet                                 | US-PGPUB; USPAT | OR | ON | 2007/12/18 09:26 |
| S123 | 1   | (@ad< "20011120" or @rlad< "20011120") and gold with plated with pins with sockets and LAN                                      | US-PGPUB; USPAT | OR | ON | 2007/12/18 09:16 |
| S124 | 672 | (@ad< "20011120" or @rlad< "20011120") and (wire with four with twisted near pair)  | US-PGPUB; USPAT | OR | ON | 2007/12/18 08:41 |
| S125 | 36  | (@ad< "20011120" or @rlad< "20011120") and (wire with four with twisted near pair) and (sheath with pair)                       | US-PGPUB; USPAT | OR | ON | 2007/12/18 08:42 |
| S126 | 3   | (@ad< "20011120" or @rlad< "20011120") and (wire with four with twisted near pair) and (sheath with pair) and (wire with power) | US-PGPUB; USPAT | OR | ON | 2007/12/18 09:01 |

|      |     |   |                 |    |    |                  |
|------|-----|---|-----------------|----|----|------------------|
| S127 | 574 | (@ad< "20011120" or @rlad< "20011120") and (cable with ground with return)  | US-PGPUB; USPAT | OR | ON | 2007/12/18 09:01 |
| S128 | 258 | (@ad< "20011120" or @rlad< "20011120") and (cable with ground near return)  | US-PGPUB; USPAT | OR | ON | 2007/12/18 09:01 |
| S129 | 3   | (@ad< "20011120" or @rlad< "20011120") and (cable with ground near return with advantage)                           | US-PGPUB; USPAT | OR | ON | 2007/12/18 09:01 |
| S130 | 0   | (@ad< "20011120" or @rlad< "20011120") and (cable with ground near return with for)                                 | US-PGPUB; USPAT | OR | ON | 2007/12/18 09:01 |
| S131 | 13  | (@ad< "20011120" or @rlad< "20011120") and (cable with ground near return with used)                                | US-PGPUB; USPAT | OR | ON | 2007/12/18 09:03 |
| S132 | 75  | (@ad< "20011120" or @rlad< "20011120") and (power with ground near return with used)                                | US-PGPUB; USPAT | OR | ON | 2007/12/18 09:03 |
| S133 | 7   | (@ad< "20011120" or @rlad< "20011120") and (power with ground near return with advantage)                           | US-PGPUB; USPAT | OR | ON | 2007/12/18 09:04 |
| S134 | 940 | (@ad< "20011120" or @rlad< "20011120") and (power with ground near return)  | US-PGPUB; USPAT | OR | ON | 2007/12/18 09:04 |
| S135 | 81  | (@ad< "20011120" or @rlad< "20011120") and (power near ground near return)  | US-PGPUB; USPAT | OR | ON | 2007/12/18 09:04 |
| S136 | 6   | (@ad< "20011120" or @rlad< "20011120") and (power near ground near return) and (cable or wire or transmission).ti.  | US-PGPUB; USPAT | OR | ON | 2007/12/18 09:07 |
| S137 | 6   | (@ad< "20011120" or @rlad< "20011120") and (power near ground near return) and (cable or wire or transmission).ti.  | US-PGPUB; USPAT | OR | ON | 2007/12/18 09:07 |
| S138 | 32  | (@ad< "20011120" or @rlad< "20011120") and (power near5 ground near return) and (cable or wire or transmission).ti. | US-PGPUB; USPAT | OR | ON | 2007/12/18 09:07 |

|      |       |  |                 |    |    |                  |
|------|-------|--|-----------------|----|----|------------------|
| S139 | 26    | (@ad< "20011120" or @rlad< "20011120") and (power near5 ground near return) and (cable or wire or transmission).ti. not S137   | US-PGPUB; USPAT | OR | ON | 2007/12/18 09:08 |
| S140 | 201   | (@ad< "20011120" or @rlad< "20011120") and (transient adj voltage adj protection)  | US-PGPUB; USPAT | OR | ON | 2007/12/18 09:17 |
| S141 | 74    | (@ad< "20011120" or @rlad< "20011120") and (transient adj voltage adj protection) and (power with control)                     | US-PGPUB; USPAT | OR | ON | 2007/12/18 09:17 |
| S142 | 2     | (@ad< "20011120" or @rlad< "20011120") and (transient adj voltage adj protection with bus) and (power with control)            | US-PGPUB; USPAT | OR | ON | 2007/12/18 09:17 |
| S143 | 46408 | (@ad< "20011120" or @rlad< "20011120") and (environmentally)   | US-PGPUB; USPAT | OR | ON | 2007/12/18 09:26 |
| S144 | 51    | (@ad< "20011120" or @rlad< "20011120") and (environmentally adj hardened)  | US-PGPUB; USPAT | OR | ON | 2007/12/18 09:26 |
| S145 | 10    | (@ad< "20011120" or @rlad< "20011120") and (environmentally adj hardened) with (cable or wire)                                 | US-PGPUB; USPAT | OR | ON | 2007/12/18 09:28 |
| S146 | 0     | (@ad< "20011120" or @rlad< "20011120") and (environmentally adj hardened) with (cable or wire) and (moisture and interference) | US-PGPUB; USPAT | OR | ON | 2007/12/18 09:27 |
| S147 | 0     | (@ad< "20011120" or @rlad< "20011120") and (environmentally adj hardened) with (cable or wire) and (moisture)                  | US-PGPUB; USPAT | OR | ON | 2007/12/18 09:27 |
| S148 | 0     | (@ad< "20011120" or @rlad< "20011120") and (cable or wire) and (protect with mositure with emi)                                | US-PGPUB; USPAT | OR | ON | 2007/12/18 09:29 |
| S149 | 0     | (@ad< "20011120" or @rlad< "20011120") and (cable or wire) and (protect with mositure with interference)                       | US-PGPUB; USPAT | OR | ON | 2007/12/18 09:29 |

|      |      |   |                 |    |    |                  |
|------|------|---|-----------------|----|----|------------------|
| S150 | 0    | (@ad< "20011120" or @rlad< "20011120") and (cable or wire) and (protect \$3 with mositure with interference)                  | US-PGPUB; USPAT | OR | ON | 2007/12/18 09:29 |
| S151 | 5    | (@ad< "20011120" or @rlad< "20011120") and (cable or wire) and (protect \$3 with mositure)                                    | US-PGPUB; USPAT | OR | ON | 2007/12/18 09:29 |
| S152 | 3662 | (@ad< "20011120" or @rlad< "20011120") and (cable or wire) and (protect \$3 with weather)                                     | US-PGPUB; USPAT | OR | ON | 2007/12/18 09:29 |
| S153 | 749  | (@ad< "20011120" or @rlad< "20011120") and (cable or wire) same (protect \$3 with weather)                                    | US-PGPUB; USPAT | OR | ON | 2007/12/18 09:29 |
| S154 | 314  | (@ad< "20011120" or @rlad< "20011120") and (cable or wire) with (protect \$3 with weather)                                    | US-PGPUB; USPAT | OR | ON | 2007/12/18 09:29 |
| S155 | 8    | (@ad< "20011120" or @rlad< "20011120") and (cable or wire) with (protect \$3 with weather with interference)                  | US-PGPUB; USPAT | OR | ON | 2007/12/18 09:30 |
| S156 | 0    | (@ad< "20011120" or @rlad< "20011120") and (cable or wire) with (protect \$3 with weather) and (shield \$3 with interfeence)  | US-PGPUB; USPAT | OR | ON | 2007/12/18 09:31 |
| S157 | 0    | (@ad< "20011120" or @rlad< "20011120") and (cable or wire) with (protect \$3 with weather) and (shield \$3 with interfeence)  | US-PGPUB; USPAT | OR | ON | 2007/12/18 09:31 |
| S158 | 0    | (@ad< "20011120" or @rlad< "20011120") and (cable or wire) with (protect \$3 with weather) and (interfeence)                  | US-PGPUB; USPAT | OR | ON | 2007/12/18 09:31 |
| S159 | 50   | (@ad< "20011120" or @rlad< "20011120") and (cable or wire) with (protect \$3 with weather) and (interference)                 | US-PGPUB; USPAT | OR | ON | 2007/12/18 09:31 |
| S160 | 10   | (@ad< "20011120" or @rlad< "20011120") and (cable or wire) with (protect \$3 with weather) and (shield \$3 with interference) | US-PGPUB; USPAT | OR | ON | 2007/12/18 09:32 |

|      |     |  |                 |    |    |                  |
|------|-----|--|-----------------|----|----|------------------|
| S161 | 69  | (@ad< "20011120" or @rlad< "20011120") and (protect\$3 with weather) and (shield\$3 with interference)   | US-PGPUB; USPAT | OR | ON | 2007/12/18 09:32 |
| S162 | 11  | (@ad< "20011120" or @rlad< "20011120") and (protect\$3 with weather) same (shield\$3 with interference)  | US-PGPUB; USPAT | OR | ON | 2007/12/18 09:33 |
| S163 | 23  | (@ad< "20011120" or @rlad< "20011120") and connector with protective with gel                            | US-PGPUB; USPAT | OR | ON | 2008/05/28 10:29 |
| S164 | 0   | (@ad< "20011120" or @rlad< "20011120") and connector with protective with gel with dielectric            | US-PGPUB; USPAT | OR | ON | 2008/05/28 10:30 |
| S165 | 35  | (@ad< "20011120" or @rlad< "20011120") and connector with gel with dielectric                            | US-PGPUB; USPAT | OR | ON | 2008/05/28 10:30 |
| S166 | 495 | (@ad< "20011120" or @rlad< "20011120") and (strain adj cable)  | US-PGPUB; USPAT | OR | ON | 2008/05/28 10:36 |
| S167 | 2   | (@ad< "20011120" or @rlad< "20011120") and (strain adj cable) with removable                             | US-PGPUB; USPAT | OR | ON | 2008/05/28 10:36 |
| S168 | 0   | (@ad< "20011120" or @rlad< "20011120") and (strain adj cable) with detachable                            | US-PGPUB; USPAT | OR | ON | 2008/05/28 10:37 |
| S169 | 495 | (@ad< "20011120" or @rlad< "20011120") and (strain adj cable)  | US-PGPUB; USPAT | OR | ON | 2008/05/28 10:37 |
| S170 | 9   | (@ad< "20011120" or @rlad< "20011120") and (strain adj cable) with (remov \$3 or detach\$3)              | US-PGPUB; USPAT | OR | ON | 2008/05/28 10:38 |
| S171 | 32  | (@ad< "20011120" or @rlad< "20011120") and (strain adj cable) with (remov \$3 or detach\$3 or attach\$3) | US-PGPUB; USPAT | OR | ON | 2008/05/28 10:39 |
| S172 | 24  | (@ad< "20011120" or @rlad< "20011120") and (strain adj cable) with (attach \$3)                          | US-PGPUB; USPAT | OR | ON | 2008/05/28 10:39 |
| S173 | 655 | (@ad< "20011120" or @rlad< "20011120") and (support adj cable) with (attach\$3)                          | US-PGPUB; USPAT | OR | ON | 2008/05/28 10:40 |

|      |       |   |                    |    |    |                     |
|------|-------|---|--------------------|----|----|---------------------|
| S174 | 24479 | (@ad< "20011120" or<br>@rlad< "20011120") and<br>(support\ adj cable) with<br>(remov\$3 or detach\$3)                               | US-PGPUB;<br>USPAT | OR | ON | 2008/05/28<br>10:40 |
| S175 | 130   | (@ad< "20011120" or<br>@rlad< "20011120") and<br>(support adj cable) with<br>(remov\$3 or detach\$3)                                | US-PGPUB;<br>USPAT | OR | ON | 2008/05/28<br>10:40 |
| S176 | 42    | (@ad< "20011120" or<br>@rlad< "20011120") and<br>(support adj cable) near3<br>(remov\$3 or detach\$3)                               | US-PGPUB;<br>USPAT | OR | ON | 2008/05/28<br>10:41 |
| S177 | 16    | (@ad< "20011120" or<br>@rlad< "20011120") and<br>(support adj cable) near3<br>(removable or detachable)                             | US-PGPUB;<br>USPAT | OR | ON | 2008/05/28<br>10:41 |
| S178 | 3     | (@ad< "20011120" or<br>@rlad< "20011120") and<br>(suspension adj cable) near3<br>(removable or detachable)                          | US-PGPUB;<br>USPAT | OR | ON | 2008/05/28<br>10:43 |
| S179 | 0     | (@ad< "20011120" or<br>@rlad< "20011120") and<br>(suspension adj cable) near3<br>(peel\$3)  | US-PGPUB;<br>USPAT | OR | ON | 2008/05/28<br>10:44 |
| S180 | 0     | (@ad< "20011120" or<br>@rlad< "20011120") and<br>((strain or support or<br>suspension) adj cable) near3<br>(peel\$3)                | US-PGPUB;<br>USPAT | OR | ON | 2008/05/28<br>10:44 |
| S181 | 1     | (@ad< "20011120" or<br>@rlad< "20011120") and<br>((strain or support or<br>suspension) adj line) near3<br>(peel\$3)                 | US-PGPUB;<br>USPAT | OR | ON | 2008/05/28<br>10:45 |
| S182 | 6     | (@ad< "20011120" or<br>@rlad< "20011120") and<br>((strain or support or<br>suspension) adj line) near3<br>(removable or detachable) | US-PGPUB;<br>USPAT | OR | ON | 2008/05/28<br>10:45 |
| S183 | 6     | (@ad< "20011120" or<br>@rlad< "20011120") and<br>((strain or support or<br>suspension) adj wire) near3<br>(removable or detachable) | US-PGPUB;<br>USPAT | OR | ON | 2008/05/28<br>10:45 |
| S184 | 24    | (@ad< "20011120" or<br>@rlad< "20011120") and<br>((strain or support or<br>suspension) adj wire) with<br>(removable or detachable)  | US-PGPUB;<br>USPAT | OR | ON | 2008/05/28<br>10:47 |
| S185 | 5324  | (@ad< "20011120" or<br>@rlad< "20011120") and<br>((support) adj wire)   | US-PGPUB;<br>USPAT | OR | ON | 2008/05/28<br>10:49 |

|      |        |  |                 |    |    |                  |
|------|--------|--|-----------------|----|----|------------------|
| S186 | 3      | ((@ad< "20011120" or @rlad< "20011120") and ((support) adj wire) with (peel\$3)  | US-PGPUB; USPAT | OR | ON | 2008/05/28 10:49 |
| S187 | 1      | "4857670".pn.  | US-PGPUB; USPAT | OR | ON | 2008/05/28 10:50 |
| S188 | 1794   | ((@ad< "20011120" or @rlad< "20011120") and (unshielded with twisted with pair)  | US-PGPUB; USPAT | OR | ON | 2008/05/28 11:12 |
| S189 | 1706   | ((@ad< "20011120" or @rlad< "20011120") and (unshielded near2 twisted near2 pair)  | US-PGPUB; USPAT | OR | ON | 2008/05/28 11:13 |
| S190 | 8009   | ((@ad< "20011120" or @rlad< "20011120") and ((unshielded near2 twisted near2 pair) or UTP)                                 | US-PGPUB; USPAT | OR | ON | 2008/05/28 11:13 |
| S191 | 1215   | ((@ad< "20011120" or @rlad< "20011120") and ((unshielded near2 twisted near2 pair) or UTP) with cable                      | US-PGPUB; USPAT | OR | ON | 2008/05/28 11:13 |
| S192 | 44     | ((@ad< "20011120" or @rlad< "20011120") and ((unshielded near2 twisted near2 pair) or UTP) with cable same power with wire | US-PGPUB; USPAT | OR | ON | 2008/05/28 11:13 |
| S193 | 206420 | ((@ad< "20011120" or @rlad< "20011120") and (category with "5" with "UTP" "telephone")                                     | US-PGPUB; USPAT | OR | ON | 2008/05/28 11:15 |
| S195 | 363    | ((@ad< "20011120" or @rlad< "20011120") and ((unshielded near2 twisted near2 pair) or UTP) with four                       | US-PGPUB; USPAT | OR | ON | 2008/05/28 11:18 |
| S196 | 1      | ((@ad< "20011120" or @rlad< "20011120") and ((unshielded near2 twisted near2 pair) or UTP) with four with power            | US-PGPUB; USPAT | OR | ON | 2008/05/28 11:18 |
| S197 | 18188  | ((@ad< "20011120" or @rlad< "20011120") and (cable).ti.  | US-PGPUB; USPAT | OR | ON | 2008/05/28 11:18 |
| S198 | 144    | ((@ad< "20011120" or @rlad< "20011120") and (cable).ti. and (UTP or unshielded adj twisted adj pair)                       | US-PGPUB; USPAT | OR | ON | 2008/05/28 11:19 |



|      |       |   |  |    |    |                  |
|------|-------|---|--|----|----|------------------|
| S199 | 0     | (@ad<"20011120" or @rlad<"20011120") and (cable).ti. and (UTP or unshielded adj twisted adj pair) same power with insulated | US-PGPUB; USPAT  | OR | ON | 2008/05/28 11:19 |
| S200 | 10    | (@ad<"20011120" or @rlad<"20011120") and (cable).ti. and (UTP or unshielded adj twisted adj pair) same power                | US-PGPUB; USPAT  | OR | ON | 2008/05/28 11:19 |
| S201 | 0     | WO-200070626-\$.did.  | US-PGPUB; USPAT  | OR | ON | 2008/05/28 11:31 |
| S202 | 0     | WO-200070626-\$.did.  | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/05/28 11:31 |
| S203 | 1     | 2000WO-JP03045.ap,prai.   | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/05/28 11:33 |
| S204 | 1     | 2000WO-JP03045.ap,prai.   | DERWENT  | OR | ON | 2008/05/28 11:34 |
| S205 | 112   | (@ad<"20011120" or @rlad<"20011120") and (cable with pin with power with data)  | US-PGPUB; USPAT  | OR | ON | 2008/11/19 10:02 |
| S206 | 22    | (@ad<"20011120" or @rlad<"20011120") and (cable with pin with power with data) and (cable.ab.)                              | US-PGPUB; USPAT  | OR | ON | 2008/11/19 10:03 |
| S207 | 6     | (@ad<"20011120" or @rlad<"20011120") and (cable with pin with power with data) and (cable.ti.)                              | US-PGPUB; USPAT  | OR | ON | 2008/11/19 10:04 |
| S208 | 18239 | (@ad<"20011120" or @rlad<"20011120") and (cable).ti.  | US-PGPUB; USPAT  | OR | ON | 2009/03/18 08:15 |
| S209 | 723   | (@ad<"20011120" or @rlad<"20011120") and (cable).ti. and (power with connector)   | US-PGPUB; USPAT  | OR | ON | 2009/03/18 08:15 |
| S210 | 35    | (@ad<"20011120" or @rlad<"20011120") and (cable).ti. and (power with connector with separate)                               | US-PGPUB; USPAT  | OR | ON | 2009/03/18 08:15 |

10/ 26/ 09 12:52:17 PM

C:\ Documents and Settings\jmattis\ My Documents\ EAST\ Workspaces\ 09988467.wsp